



COLORADO
Department of Education

FY2021
Annual Report to the Colorado
Traumatic Brain Injury
Trust Fund Board

Submitted by:
Janet Tyler, Ph.D.
Senior Brain Injury Consultant
Colorado Department of Education

July 1, 2020 – June 30, 2021

Colorado Department of Education/Health and Wellness Unit
201 E. Colfax Ave., Denver, CO 80203
303-866-2879
tyler_j@cde.state.co.us



Table of Contents

Overview	p3
Key Accomplishments for FY2021	p3
Key Activities for FY2021	p4
Activities Related to Developing, Implementing, and Maintaining a Network of BrainSTEPS CO Teams across the State through BrainSTEPS CO Team Trainings	p4
Activities Related to Developing, Implementing, and Maintaining a Network of School Based Concussion Management Teams (CMTs)	p20
Activities Related to Maintaining a Data Base for both CMT and BrainSTEPS CO Team Data	p23
Activities Related to Community-Based Training and Outreach	p24
Barriers/Challenges Faced (in Terms of Meeting SOW) for FY2021	p28
Plans for FY2022	p28
Appendices	p29
Appendix A - BrainSTEPS CO New Team/Team Member Training Agenda	p29
Appendix B - BrainSTEPS CO Update Training Agenda	p32
Appendix C - BrainSTEPS Team Leader Training Agenda	p35



OVERVIEW

Background

MINDSOURCE Brain Injury Network within the Office of Community Access and Independence at the Colorado Department of Human Services (CDHS) contracted with the Colorado Department of Education (CDE) for brain injury support services for FY2021 (July 1, 2020, through June 30, 2021). The scope of this work involves building the infrastructure of Colorado schools and the capacity of school personnel and health professionals; providing support to develop and maintain both district based BrainSTEPS CO brain injury consulting teams and school based Return to Learn Concussion Management Teams (CMTs). In addition, this contract involved providing the following: general training on brain injury, both in the schools, as well as in the community; developing guidelines/protocols, and monitoring and developing appropriate policies related to supporting students with brain injury in the education setting. Finally, this contract involves partnering with community agencies and others at CDE to build the capacity of families to better understand how to support their child with a brain injury. Funding for this work is through the MINDSOURCE Brain Injury Network, provided by the Colorado Traumatic Brain Injury Trust Fund revenue.

KEY ACCOMPLISHMENTS FOR FY2021

- Provided a virtual three-day New BrainSTEPS CO Team/Team Member Training, preparing one additional BrainSTEPS CO Brain Injury Consulting Team and 31 new team members to add to existing teams. There are now 22 District and five Board of Cooperative Educational Services (BOCES) Level BrainSTEPS CO Teams with 210 team members serving 64 districts in Colorado (approximately 70-75% of the student population).
- Held a one-day virtual Up-Date Training for BrainSTEPS CO team members with 174 team members attending.
- Provided a virtual Team Leader Training for BrainSTEPS CO team leaders with 36 team leaders attending.
- Provided additional training opportunities for BrainSTEPS CO members including the Online Reporting for BrainSTEPS (ORBS) Database training and the Helix Conference Brain Injury Sessions.
- Held monthly teleconference calls with BrainSTEPS CO Team Leaders.
- Supported BrainSTEPS CO team members through consultation and mentoring.
- Disseminated brain injury information virtually at conferences and professional meetings.
- Disseminated information explaining and promoting Return to Learn Concussion Management Teams to administrators and educators virtually at conferences and meetings.
- Provided monthly Return to Learn CMT Community of Practice (CoP) online webinars/meetings featuring nationally known concussion expert guest speakers, to keep the knowledge of individuals who have completed the CMT training up-to-date.



- Held bi-monthly Concussion Action Team (CAT) teleconference meetings to keep districts up-to-date on concussion information.
- Provided consultation to school personnel and parents who had questions or concerns regarding concussion.
- Maintained the Traumatic Brain Injury (TBI) and CAT listservs, disseminating information on a regular basis.
- Maintained the Colorado Kids with Brain Injury (www.cokidswithbraininjury.com) and CDE brain injury (<http://www.cde.state.co.us/healthandwellness/braininjury>) websites.

KEY ACTIVITIES FOR FY2021

1. Develop, implement, and maintain a network of BrainSTEPS CO Teams across the state through BrainSTEPS CO team trainings.
 - a. Develop and implement a two-day BrainSTEPS CO New Team Member training fall 2020.

The following actions were taken to prepare for the BrainSTEPS CO New Team/Team Member training:

- Posted notices of the BrainSTEPS CO New Team/Team Member Training in the CDE's Weekly Newsletter, TBI listserv, School Nurse listserv, and in the Exceptional Student Services Online Newsletter.
- Recruited districts who were without BrainSTEPS CO teams (e.g., Weld RE-6) through discussions with appropriate district personnel.
- During BrainSTEPS CO Team Leader Monthly Meetings, team leaders were encouraged to evaluate their team's composition and send additional district personnel to the November training if they needed additional members to grow their team or replace team members who had retired or moved away.
- Converted the in-person two-day BrainSTEPS CO New Team Training curriculum used in past years, to a virtual training to meet current needs of educators during the COVID-19 pandemic.

BrainSTEPS CO New Team/Team Member Training

A BrainSTEPS CO New Team/Team Member Training was held virtually via Zoom, November 10th, 11th, and 12th, 2020 (see Appendix A for Agenda). A total of 36 Colorado school district personnel from 16 districts and BOCES, attended the virtual training to become BrainSTEPS CO team members (see BrainSTEPS CO New Team Training November 10-12, 2020, table below). Participants included district nurses, school nurses, behavioral specialists, instructional specialists, occupational therapists, physical therapists, speech language therapists, school psychologists, school social workers, an



educational diagnostician, a head athletic trainer, a Student Support Services Coordinator, and a Special Education Coordinator. Additionally, upon request, Jessica Hall, the new classroom teacher on the Rehabilitation Unit at Colorado Children’s Hospital attended the 3-day training to increase her knowledge of working with students with brain injuries and the BrainSTEPS CO program.

The table below shows a listing of the number of attendees from each of the BrainSTEPS districts and BOCES teams that were trained in November 2020. New teams are noted in bold and marked with an asterisk*.

BrainSTEPS CO New Team/Team Member Training
November 10-12, 2020

District	Number
Adams 12	3
Aurora Public Schools	1
Boulder Valley SD	3
Centennial BOCES	2
Colorado River BOCES	2
Denver Public Schools	2
Harrison 2 School District	2
Jefferson County	2
Mesa County Valley SD 51	1
Moffat County School District	1
Montrose County School District	5
Poudre School District	1
School District 27J	3
Thompson R2-J	1
Ute Pass BOCES	1
Weld RE-6/Greeley*	6
Colorado Children’s Hospital	1
TOTAL	37

The main content for the two-day training was delivered by the CDE brain injury consultants, Janet Tyler, Heather Hotchkiss, and Nicole Crawford. Additionally, Liz Gerdeman, provided an overview of THE MINDSOURCE Brain Injury Network, and each of the community partners with whom the teams are likely to have frequent interactions presented a 10-minute overview of their programs and how they coordinate with the BrainSTEPS CO teams. The community partners included Kate Fatica from BIAC, Jodi Krause from Colorado Children’s Hospital, and Laura Magnuson from Craig Hospital.

All persons who were registered for the November BrainSTEPS CO New Team Training were sent a link to complete an online *Knowledge about Children and Youth with Brain Injury Pretest* prior to the training.



A total of 35 persons completed the pre-test. Following the training, participants were asked to complete the *Knowledge about Children and Youth with Brain Injury Post-Test*. A total of 34 persons completed the post-test (97% completion rate for those attending the training).

Scores were compared with those who took both the pretest and the post-test. As a group, participants scored 68% on the pretest and 88% on the post-test, showing a 20% gain in knowledge.

Participants were also expected to complete the BrainSTEPS CO Brain Injury New Team Training Evaluation Survey. A total of 32 persons completed the evaluation survey (89% completion rate). The survey asked participants to respond to the following 10 statements for presentations covered in the two-day training, rating each: 1) Strongly Disagree, 2) Disagree, 3) Agree, or 4) Strongly Disagree. The table below shows the survey questions, the number of responses, and percentages in each category.

BrainSTEPS CO New Team/Team Member Training Evaluation

Question	Strongly Agree	Agree	Disagree	Strongly Disagree
The content of this training helped me understand the basics of brain injury.	18 (56%)	14 (44%)	0	0
The content of this training helped me understand my role as a BrainSTEPS Team member.	19 (60%)	13 (40%)	0	0
I know the sub-categories of acquired brain injury (ABI) and how to determine the mechanism of injury.	16 (50%)	16 (50%)	0	0
I understand that initial concussion management (up to 6 weeks) is not my role as a BrainSTEPS Team member.	21 (66%)	11 (34%)	0	0
I understand the special education eligibility process for traumatic brain injury.	14 (44%)	18 (56%)	0	0
I understand the special education process for non-traumatic brain injury.	13 (40%)	19 (60%)	0	0
I understand how to apply the Building Blocks of Brain Development framework.	13 (40%)	19 (60%)	0	0
I feel prepared in being an active BrainSTEPS Team member.	9 (28%)	23 (72%)	0	0
As a result of this training, my knowledge of student behavior with acquired brain injury has improved.	20 (63%)	12 (37%)	0	0
Team Leads only: I feel prepared for my role as Team Leader.	3 (38%)	5 (62%)	0	0

In a space for open ended comments at the end of the evaluation survey, examples of participants' responses included the following:



“Excellent training! Thank you!”

“Thank you all for sharing your knowledge!”

“I am proud to be a part of BrainSTEPS CO!”

Helix Brain Injury Conference

Annually, Pennsylvania’s Training and Technical Assistance Network (PATTAN) sponsors a low incidence conference that includes a brain injury strand selected by Pennsylvania’s BrainSTEPS director, Dr. Eagan-Johnson. This year the strand served as the required up-date training for Pennsylvania’s BrainSTEPS teams. The 2020 HELIX Conference: *High Expectations for Students with Low Incidence Disabilities*, was held virtually, and was free of charge for Pennsylvania residents. Dr. Tyler arranged with Dr. Eagan-Johnson that Colorado BrainSTEPS team members could also participate in the brain injury sessions free of charge. The training was announced at the September and October team leader meetings and registration information was sent out to all team members on 10/12/20. Between 53-72 BrainSTEPS CO team members attended each of the three sessions listed below.

Helix Conference Brain Injury Sessions

Date	Time	Presentation Title	Presenter
11/09/20	12:00-2:45pm	<i>TBI & Anxiety in Students</i>	Katherine Dahlsgaard, Ph.D., ABPP, Dept of Child & Adolescent Psychiatry & Behavioral Sciences, Children’s Hospital of Philadelphia
11/10/20	12:00-2:45pm	<i>Longitudinal Academic Outcome Data of Children with TBI</i>	Linda Ewing-Cobbs, Ph.D., Professor of Pediatrics, Children’s Learning Institute at McGovern School of Medicine, University of Texas Health Science Center at Houston
11/11/20	12:00-2:45pm	<i>Adverse Childhood Experiences & TBI</i>	Noshene Ranjbar, MD, Assoc. Professor of Psychiatry at the University of Arizona College of Medicine - Tucson, Department of Psychiatry and Director of the Integrative Psychiatry Clinic at Banner - UMC South

Online Reporting for BrainSTEPS (ORBS) Database Training

With the New Team/Team Member training being moved to a virtual platform, the ORBS database training, which was usually a part of the in person training, was changed to a stand-alone training. This training was mandatory for all persons who attended the November 2020 New Team/Team Member training and recommended for all team members who wanted a refresher course on using the BrainSTEPS database. Dr. Nicole Crawford delivered the content of this training.

The following table contains a listing of the BrainSTEPS CO teams and the number of individuals attending the BrainSTEPS CO ORBS Database Training from each district or BOCES team.



Districts/BOCES Attending January 20, 2021
BrainSTEPS CO ORBS Database Training

District	Number Attending
Academy 20	3
Adams 12	6
Aurora 28J	3
Boulder Valley SD	5
Centennial BOCES	1
Cherry Creek SD	2
Colorado River BOCES	2
Denver Public Schools	2
Douglas County SD	6
East Central BOCES	2
Fort Morgan RE-3	4
Harrison 2 SD	2
Jefferson County	6
Mesa County Valley SD 51	6
Moffat County SD	2
Montrose County SD	6
Poudre SD	1
Pueblo County District 70	10
San Juan BOCES	3
School District 27J	3
School District 49	2
St. Vrain Valley SD	3
Thompson Schools	2
Ute Pass BOCES	2
Weld RE-4	2
Weld Re-6	5
Total	91

- b. Develop and implement a BrainSTEPS CO Up-Date training spring 2021. Topics for the 2021 BrainSTEPS CO Update Training were chosen based on feedback given by team members on the 2020 Update Training Evaluation.

A BrainSTEPS CO Update Training was held virtually for all BrainSTEPS CO team members on February 11, 2021. 174 BrainSTEPS CO team members from 27 districts/BOCES attended the training to increase their knowledge of brain injury and skills in serving as BrainSTEPS CO team members. In addition to updates provided by CDE BrainSTEPS CO staff Tyler and Hotchkiss, Sharon Grandinette, M.S., Ed., CBIST, presented a morning session entitled *Students with ABI: Filling Your Toolbox with*



Interventions and Strategies for Success and Shari L. Wade, Ph.D., a pediatric rehabilitation psychologist at Cincinnati Children’s Hospital Medical Center and tenured professor at the University of Cincinnati College of Medicine, presented an afternoon session entitled *Using Teen Online Problem Solving to Support Adolescents and Families after Brain Injury*. Below is a listing of the BrainSTEPS CO teams and the number of individuals attending the Update Training from each district or BOCES team.

Districts/BOCES Attending February 11, 2021
BrainSTEPS CO Update Training

District	Number Attending
Academy 20	2
Adams 12	7
Aurora 28J	4
Boulder Valley SD	8
Centennial BOCES	8
Cherry Creek SD	4
Colorado River BOCES	6
Denver Public Schools	5
Douglas County SD	10
East Central BOCES	6
Fort Morgan RE-3	6
Fountain-Fort Carson SD 8	4
Harrison 2 SD	6
Jefferson County	12
Mesa County Valley SD 51	5
Moffat Schools	2
Montrose County SD	7
Poudre SD	9
Pueblo County District 70	11
San Juan BOCES	9
School District 27J	8
School District 49	9
St. Vrain Valley SD	6
Thompson Schools	4
Ute Pass BOCES	4
Weld RE-4	6
Weld Re-6	6
Total	174



All persons who registered for the training were sent a link to complete an online *February 2021 BrainSTEPS CO Update Training Pre-Test* prior to the training. The pretest was composed of questions submitted by the invited speakers. A total of 160 persons completed the 10 question pre-test. Following the training, participants were asked to complete the *February 2021 BrainSTEPS CO Update Training Post-Test*. 122 persons completed the 10 question post-test (76% completion rate).

Scores were compared for those who took the pretest and the post-test (N=122). As a group participants scored 60% on the pretest and 73% on the post-test, showing 13% gain in knowledge. All participants were also expected to complete the BrainSTEPS CO Brain Injury Update Training Evaluation Survey. A total of 112 individuals completed the evaluation survey (64% completion rate). The survey asked participants to respond to the following 6 statements for presentations covered in the training; rating each: 1) Strongly Agree, 2) Disagree, 3) Agree, or 4) Strongly Disagree. The table below shows the survey questions and the number of responses and percentages in each category.

BrainSTEPS CO Brain Injury Update Training Evaluation Survey

Question	Strongly Agree	Agree	Disagree	Strongly Disagree
The presenters' instruction of the content was effective.	52% (58)	46% (52)	2% (2)	(0)
The presenters' knowledge of the content was comprehensive.	68% (77)	31% (35)	(0)	(0)
The content presented in this training was high quality.	54% (61)	44% (49)	2% (2)	(0)
I will implement strategies, skills, and/or knowledge as a result of this training.	42% (47)	57% (64)	1% (1)	(0)
As a result of this training, I have acquired additional strategies for students who have sustained a brain injury.	52% (58)	45% (51)	3% (3)	(0)
As a result of this training, I have an understanding of TOPS as a resource for adolescents with brain injury.	43% (48)	57% (64)	0 (0)	0 (0)

Additionally, there was one Yes/No question in the survey:

Question	Yes	No
I will share the information I learned with my colleagues.	98% (110)	2% (2)

Open ended questions at the end of the survey were also asked of respondents. The first required participants to respond to the statement "Overall I thought this training was...". Examples of participants' responses included:



“Excellent! I learned a lot! Thank you.”

“Terrifically valuable in providing practical resources to students and families.”

“I appreciate getting practical information that I can use with students right now.”

Another survey question asked participants “What types of additional information or follow-up activities should be provided?” Responses received from this question will be used for planning future trainings.

After the training was completed, all presentations and handouts were posted on the BrainSTEPS CO website for team members to view, so those who were not able to attend had access to the information.

- c. Develop and implement a BrainSTEPS CO Team Leader training spring 2021.

A BrainSTEPS CO Team Leader Training was held virtually via Zoom on April 29, 2021. One to three team leaders from each of the 27 teams attended the BrainSTEPS CO Team Leader training to gain strategies and hone their skills in serving as BrainSTEPS CO team leaders (see Appendix C for copy of BrainSTEPS CO Team Leader Training Agenda).

The following table shows a listing of the BrainSTEPS CO teams and the number of team leaders attending the BrainSTEPS CO Team Leader Training from each team.



BrainSTEPS CO Team Leader Training
April 29, 2021

District	Number Attending
Academy 20	1
Adams 12	2
Aurora 28J	1
Boulder Valley SD	2
Centennial BOCES	2
Cherry Creek SD	1
Colorado River BOCES	1
Denver Public Schools	1
Douglas County SD	2
East Central BOCES	1
Fountain-Fort Carson SD 8	1
Harrison 2 SD	1
Jefferson County	3
Mesa County Valley SD 51	2
Moffat Schools	1
Montrose County SD	1
Poudre SD	1
Pueblo County District 70	1
San Juan BOCES	2
School District 27J	2
School District 49	1
St. Vrain Valley SD	1
Thompson Schools	1
Ute Pass BOCES	1
Weld RE-4	1
Weld Re-6	2
Total	35

Following the training, participants were emailed a link to complete the *BrainSTEPS CO Team Lead Training Evaluation Survey*. 37 of the 37 attendees completed the evaluation (100% completion rate.) The survey asked participants to respond to 6 statements evaluating the speakers, content, training activities, etc., rating each: 4) Strongly Agree 3) Agree, 2) Disagree, or 1) Strongly Disagree. The following table shows the team leaders’ responses to the survey.



BrainSTEPS CO Team Leader Training Evaluation

Question	Strongly Agree	Agree	Disagree	Strongly Disagree
The content presented in this training increased my knowledge of the BrainSTEPS CO model.	22 (59%)	14 (38%)	1 (3%)	0 (0%)
The presentation(s) helped me think of ways to improve my team's functioning.	25 (68%)	12 (32%)	0 (0%)	0 (0%)
The presentation helped increase/confirm my knowledge of the BrainSTEPS Team role.	25 (68%)	11 (30%)	1 (3%)	0 (0%)
The format and length of this meeting was a good use of our time.	18 (49%)	19 (51%)	0 (0%)	0 (0%)
The case study helped increase my understanding of the BrainSTEPS Framework.	20 (54%)	12 (32%)	5 (14%)	0 (0%)
This training provided me with useful ideas and information for serving as a BrainSTEPS team leader.	21 (57%)	16 (43%)	0 (0%)	0 (0%)

Question	Yes	No
I will implement strategies, skills, and/or knowledge as a result of this training.	36 (97%)	1 (3%)

An open ended question at the end of the survey asked, “Anything else?” Responses included:

“Thank you for being so helpful to keeping our teams going! I enjoyed the training today. It was a perfect amount of time to get the valuable information provided.”

“Loved it! I learned so much from the networking piece!”

“LOVE the case discussion! More, please, for future trainings!”

“Thank you for supporting all of us.”

- d. Provide support for BrainSTEPS CO teams.

Monthly Team Leader Meetings

BrainSTEPS CO Team Leader meetings were held monthly via Zoom to update the team leaders with new information, announcements, etc. This provided team leaders with an opportunity to ask any questions they may have regarding BrainSTEPS CO procedures, management of students with TBI, etc. Each meeting started with announcements and updates being disseminated through a PowerPoint presentation. The meeting then opened to a question and answer session, followed by a general discussion. Minutes from each of the BrainSTEPS CO Team Leader Monthly Conference calls are sent to all team leaders following the call and are posted on the BrainSTEPS website where they are available to be view by all Colorado BrainSTEPS team members. Team leaders are instructed to share information from the meetings with their teams during their own team’s monthly meetings.



The table below lists the BrainSTEPS CO Team Leader Monthly Meeting Teleconference dates, number of persons attending via Zoom, the number of represented districts, and the topics discussed at each meeting.

Team Leader Monthly Teleconference Meetings

Date	Number of Team Leaders Attending	Number of Districts/BOCES	Meeting Topics
08/19/20	22	19	BrainSTEPS CO updates; Teams Back to School to Do List; BrainSTEPS CO Team Lead/Team Member Satisfaction Survey results; Reminders
09/16/20	31	27	Upcoming BrainSTEPS CO trainings; Helix Conference – free training for BrainSTEPS CO team members; Upcoming speakers for the Return to Learn CMT Community of Practice; Team Leader Share; Reminders
10/21/20	25	20	Guest speaker- Jessica Hall, the new classroom teacher on the Rehab Unit at Children’s Hospital; Review of steps to carry out when your team receives a referral; New Publication National Collaborative on Children with Brain Injury – Return to Learn Consensus Statement
11/18/20	30	22	Announcement of upcoming trainings; speakers for the Return to Learn CMT Community of Practice; brain injury resources (webinars), Pediatric BIPN announcement
12/16/20	36	26	Annual Team Goals/Action Plans; discussion of expectations for using ORBS; summary of student data from ORBS: neuroeducational evaluation/The Building Blocks of Brain Development; eligibility process
01/20/21	-	-	No team leader meeting due to ORBS Database training on 1/20. Newsletter with reminders of upcoming events sent to team leaders instead.
02/17/21	19	19	Follow-up on ORBS and Update trainings; reminder of upcoming CoP CMT and CAT webinars; discussion of BrainSTEPS CO Release of Information.
03/17/21	21	20	Prep for Team Leader Training; reminder of upcoming CoP CMT webinar; activities teams can do for Brain Injury Awareness Month; NABIS’s Casual Conversations: Women vs. Brain Injury recordings; discussion of What do I want to be during COVID-19?
04/21/21	-	-	No meeting this month due to Team Leader Training. Items normally covered during Team Leader meeting reviewed during training on 4/29.



Date	Number of Team Leaders Attending	Number of Districts/BOCES	Meeting Topics
05/19/21	28	24	26 new strategies support pages Drs. Tyler and Eagan Johnson developed to accompany the Student BI Supports Framework (posted on www.brainsteps.net); BIAC's opening for Program Manager for Education Consultation and Youth Services; changes coming to ORBS; Return to Learn CMT training; dates of BrainSTEPS CO trainings and team leader meetings for FY22; Dr. Tyler's retirement and job posting

BrainSTEPS CO Team Member Consultations

It is important that BrainSTEPS CO team leaders and team members have expert support available as they carry out their role. Dr. Tyler responded to approximately 115 phone calls and emails from BrainSTEPS CO team leaders and team members seeking information or guidance on various aspects of serving students with brain injury during FY21. Emails and notes from phone calls document these consultations.

As an additional means of providing support to the BrainSTEPS CO teams, the CDE BrainSTEPS CO staff (Tyler and Hotchkiss) continued plans from FY20 to attend one of each team's monthly meetings. During quarter one, BrainSTEPS CO team leaders were asked to provide their team meeting schedules to the CDE BrainSTEPS CO leaders so they could schedule virtual team visits. The table below shows the BrainSTEPS CO team meetings that Dr. Tyler attended during quarters two, three, and four. Notes from each meeting attended are kept on a shared drive that both Tyler and Hotchkiss can access.

BrainSTEPS CO Team Meetings Attended

Date	BrainSTEPS CO Team
11/04/20	Aurora School District 28J
11/18/20	Academy 20 School District
12/17/20	Boulder Valley School District
01/06/21	Mesa County Valley School District 51
02/01/21	East Central BOCES
02/17/21	Cherry Creek School District
02/22/21	School District 49
02/24/21	Thompson R2-J Schools
02/26/21	Fountain-Fort Carson School District 8
03/02/21	Douglas County School District
03/09/21	San Juan BOCES
03/18/21	Weld RE-4 School District
03/18/21	Montrose County School District
03/22/21	Jefferson County School District



Materials for BrainSTEPS CO Team Members

Drs. Tyler and Eagan-Johnson, Pennsylvania BrainSTEPS Project Director, developed a series of 26 support pages to accompany the Student Brain Injury Supports Framework. These two- page documents each contain a page with a fillable word form to guide the discussion of post-concussion symptoms or changes the student is having that are causing him or her difficulty in school (e.g., in what environment they occur, activity triggers, currently used academic adjustments, additional adjustments to explore). The accompanying page provides a separate list of strategies and adjustments educators can use to help the student during the recovery phase for 26 possible physical, thinking, learning, behavioral, and social concussion symptoms. These documents were shared with BrainSTEPS CO team leaders and are posted on the Colorado BrainSTEPS webpage for team members to download and share with educators.

BrainSTEPS CO Team Member Survey

At the end of March 2021, an annual survey of BrainSTEPS CO team members was conducted by Dr. Tyler. A link to the survey was emailed to all 216 BrainSTEPS CO team members. One hundred and three persons responded (67 BrainSTEPS CO team members and 36 BrainSTEPS CO team leaders) for a response rate of 48%. The table below shows the survey questions and the number of responses and percentages in each category. At least 1 response was received from 25 out of the 27 BrainSTEPS CO teams.

BrainSTEPS CO Team Members Satisfaction Survey 2021

Question	Strongly Agree	Agree	Disagree	Strongly Disagree	N/A
The communication among my team members is sufficient and effective.	47 (46%)	52 (50%)	4 (4%)	0 (0%)	-
My team responds in a timely manner to student referrals.	58 (56%)	41 (40%)	4 (4%)	0 (0%)	-
I am satisfied with the quality of services my team has provided this past school year.	35 (34%)	61 (59%)	4 (7%)	0 (0%)	-
When a student is referred, different team members assist in taking "point person" lead roles.	0 (0%)	86 (83%)	17 (17%)	0 (0%)	-
My team leader keeps me in the communication loop for referrals, meetings, etc.	62 (60%)	40 (39%)	1 (1%)	0 (0%)	-
Our team meetings are productive.	39 (38%)	60 (58%)	3 (3%)	1 (1%)	-
I feel that our team works well together.	60 (58%)	42 (41%)	1 (1%)	0 (0%)	-
I feel the services provided by our BrainSTEPS team this year have made a difference in the lives of the students.	37 (36%)	61 (59%)	5 (5%)	0 (0%)	-
I feel comfortable using the ORBS database (www.brainsteps.net).	14 (14%)	72 (70%)	17 (16%)	0 (0%)	-



Question	Strongly Agree	Agree	Disagree	Strongly Disagree	N/A
My involvement with the BrainSTEPS Program has contributed to my overall professional development.	60 (58%)	43 (42%)	0 (0%)	0 (0%)	-
I am satisfied with the assistance the CDE Brain Injury Consultants (Heather Hotchkiss, Janet Tyler, Nicole Crawford) have provided to me when support was requested.	59 (57%)	34 (33%)	0 (0%)	0 (0%)	10 (10%)
I am satisfied with the collaboration and follow-up Colorado Children's Hospital staff has provided when a student is discharged from their facility.	31 (30%)	27 (26%)	6 (6%)	0 (0%)	37 (36%)
I am satisfied with the student data (e.g., neuropsychological report, therapy reports), Colorado Children's Hospital provides when a student is discharged from their facility.	32 (29%)	29 (28%)	5 (5%)	2 (2%)	37 (36%)
I am satisfied with the timeliness of the notice given by the Colorado Children's Hospital staff when a student is ready for discharge from their facility.	22 (21%)	31 (30%)	6 (6%)	2 (2%)	37 (41%)
I am satisfied with the services Kate Fatica, Education Liaison from the Brain Injury Association of Colorado (BIAC), provided to our student(s).	25 (24%)	28 (26%)	1 (1%)	0 (0%)	50 (49%)
For Team LEADERS only. I find the monthly team leader calls useful.	17 (44%)	19 (49%)	2 (5%)	1 (2%)	0 (0%)

Question	Yes	No
Our team's student referrals are appropriate (moderate to severe brain injury, and concussion referrals only after initial 6 weeks).	(95%)	(5%)
Did you participate in any student referrals this year?	(67%)	(33%)
My team meets regularly to discuss program updates, student referrals, etc.	(93%)	(7%)



Question	Choice					
	1 st	2nd	3rd	4th	5th	6th
Please rank from 1 (most important) to 6 (least important) the services you believe the BIAC Education Liaison should provide for students. PLEASE CHOOSE ONLY ONE (1) RESPONSE FOR EACH ROW and EACH COLUMN (Do not repeat a ranking number)						
Advocacy for Students and Families	38 (37%)	23 (22%)	10 (10%)	17 (17%)	14 (14%)	1 (1%)
Brain Injury training and information for parents	42 (40%)	27 (26%)	14 (14%)	5 (5%)	8 (8%)	7 (7%)
Connection to other helpful agencies	17 (17%)	21 (20%)	25 (24%)	21 (20%)	15 (15%)	4 (4%)
Educational Consultation	11 (11%)	18 (18%)	26 (25%)	23 (22%)	21 (20%)	4 (4%)
Programs for Students (e.g., peer mentoring, skill building classes)	13 (13%)	19 (18%)	16 (16%)	20 (19%)	27 (26%)	8 (8%)
Other (enter information in comment box 21 a.)	21 (20%)	1 (1%)	3 (3%)	2 (2%)	2 (2%)	74 (72%)

Comments for Other (from box 21a):

A support group for teens and/or parents would be so helpful.

Helpful trainings for school staff.

Collaboration w/ school teams.

One on one connection with families who are referred to BIAC.

Helping to facilitate post-secondary transitions for students impacted by brain injury

It would be very helpful to have better assistance when we are trying to help a parent get an appointment for their child suffering a TBI/Post concussive syndrome. It took us weeks to get an appointment and many calls and emails from myself, parent, and school nurse.

e. Aggregate data from BrainSTEPS database.

The following tables list the aggregate data from the ORBS BrainSTEPS CO database. Totals are provided by a report run at the end of each quarter.



**BrainSTEPS CO Students by District or BOCES
Added in FY21/Total in Database**

Quarter	Number Districts/Total Districts Reporting	Number BOCES/Total BOCES Reporting	Total New Students Added/ Total Districts Reporting
One 07/01/20-09/30/20	8/35	0	17/35
Two 10/01/20-12/31/20	8/37	0	19/37
Three 01/01/21-03/31/21	19/39	0	61/39
Four 04/01/21-06/30/21	13/42	0	13/42

**BrainSTEPS CO Students by Age
Added in FY21/Total in Database**

Quarter	Number New Students Added 0-2 years/Total	Number New Students Added 3-5 years/Total	Number New Students Added 6-12 years/Total	Number New Students Added 13-19 years/Total	Number New Students Added N/A /Total
One 07/01/20-09/30/20	4/114	3/45	5/104	8/142	0/8
Two 10/01/20-12/31/20	4/118	3/48	6/110	1/143	3/8
Three 01/01/21-03/31/21	12/130	9/58	19/129	15/158	6/11
Four 04/01/21-06/30/21	10/140	4/62	5/134	11/169	1/12

**BrainSTEPS CO Students Reported by Grade Level
Added in FY21/Total in Database**

Quarter	PreK	K 1/2	K full	1 st	2 nd	3 rd	4 th	5 th
One 07/01/20-09/30/20	1/23	0/3	0/17	1/18	2/7	0/21	1/15	0/20
Two 10/01/20-12/31/20	2/25	0/3	1/18	0/18	0/7	1/22	0/15	3/23
Three 01/01/21-03/31/21	3/28	0/3	6/24	2/20	1/8	4/26	2/17	1/24
Four 04/01/21-06/30/21	1/29	1/4	0/24	0/20	1/9	0/26	1/18	0/24



BrainSTEPS CO Students Reported by Grade Level (Added/Total)
 Added in FY21/Total in Database

Quarter	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Post	N/A
One 07/01/20-09/30/20	2/21	1/16	1/28	3/32	3/41	1/20	3/11	0/1	0/10
Two 10/01/20-12/31/20	1/22	1/17	0/28	0/32	1/42	0/20	0/11	0/1	4/14
Three 01/01/21-03/31/21	5/27	5/22	4/32	1/33	3/45	1/21	2/13	1/2	5/16
Four 04/01/21-06/30/21	2/29	1/23	1/33	2/35	5/50	3/24	1/14	0/2	1/17

2. Develop, implement, and maintain a network of school-based concussion management teams (CMTs).
 - a. Provide training to, and obtain buy in from, appropriate administrators and school building personnel.

The following activities took place during FY21 to encourage administrative support for CMTs and to get appropriate groups to register for the training:

- The Return to Learn CMT training was promoted at the Concussion Action Team (CAT) Teleconference (8/27/20, 2/25/21) and BrainSTEPS CO Team Leader Teleconference Meetings (8/19/20, 9/16/20, 2/24/21, 3/17/21).
- Instructions on how to sign up for the CMT training was included in the CAT minutes sent out to the CAT listserv.
- The Return to Learn CMT training was promoted through a virtual BrainSTEPS CO booth staffed by Dr. Tyler at the Colorado School Counselor Association Virtual Conference (10/8-9/20).
- Return to Learn CMT training was promoted during a webinar presentation entitled *Return to Learn Following Concussion: The Role of the School Nurse* at the Colorado School Nurses' Orientation (3/2/21).

- b. Develop CMTs in a minimum of 25 schools.

The following table lists the total number of Return to Learn CMTs registered, the number of individuals on those CMTs who are registered, the number of BrainSTEPS CO team members registered, and the number of districts with registered CMTs at the end of each quarter.



Return to Learn Concussion Management Team Training Registrations FY21

Groups Registered for CMT Training	Number New Registered Q1/Total # Registered	Number New Registered Q2/Total # Registered	Number Registered Q3/Total # Registered	Number Registered Q4/Total # Registered
Return to Learn CMTs	1/174	1/175	1/179	0/179
Districts with CMTs	4/47	1/48	0/48	0/48
CMT Members Registered for CMT Training	10/441	12/453	2/455	4/459
Non-CMT Member Registered for CMT Training	4/29	7/36	0/36	4/40
BrainSTEPS CO Members Registered for CMT Training	6/240	29/269	5/274	2/276

c. Conduct monthly Return to Learn CMT Community of Practice (CoP) meetings.

To help support the Return to Learn CMTs once they have completed the training, Return to Learn CMT CoP Monthly Meetings were held. These meetings were open to all persons who completed the Return to Learn CMT online training. The meetings were cohosted by Drs. Tyler and Eagan-Johnson, Director of the BrainSTEPS Pennsylvania program. The purposes of the online meetings were to disseminate new concussion research and to provide answers to questions participants may have regarding concussion management. During each meeting, a PowerPoint presentation was delivered highlighting concussion research, concussion resources, case studies, and strategies for Return to Learn. Participants were encouraged to ask questions about Return to Learn concussion management. PowerPoint presentations from each meeting are available upon request.

Starting in the second quarter, Drs. Tyler and Eagan-Johnson arranged to have nationally known speakers on a variety of topics in the field of concussion present at the Return to Learn Concussion Management Community of Practice Meetings. Persons who have completed the Return to Learn CMT training received a monthly invitation for each meeting.

The following table shows the Return to Learn Concussion Management Community of Practice meeting dates, number of persons attending from Colorado and Pennsylvania (count from Zoom participant list), the title of the presentation, and the speaker(s).



Return to Learn Concussion Management Community of Practice Meetings

RtL CMT CoP Meeting Date	Number Attending from CO & PA	Title	Speaker
09/09/20	62	Review of Current Research	Drs. Tyler and Eagan-Johnson
10/07/20	100 (max capacity for session)	<i>Persistent Symptoms After Concussion</i>	Jamie Pardini, Ph.D., Neuropsychologist, Clinical Assoc. Professor, Banner Sports Medicine & Concussion Specialists, Banner University Medical Center – Phoenix
11/18/20	182	<i>Updates on Concussion Research in Children/Teens</i>	Daniel Corwin, MD, MSCE, Assist. Professor of Pediatrics & Assoc. Director of Research in the Division of Emergency Medicine at Children’s Hospital of Philadelphia
12/09/20	176	<i>Concussion and Anxiety in Students</i>	Katherine Dahlsgaard, Ph.D., ABPP, Clinical Psychologist with Expertise in Cognitive Behavioral Therapy for Children, Adolescents, & Young Adults at Children’s Hospital of Philadelphia
01/06/21	147	<i>Strategies for Anxiety in Students following Concussion</i>	Katherine Dahlsgaard, Ph.D., ABPP, Clinical Psychologist with Expertise in Cognitive Behavioral Therapy for Children, Adolescents, & Young Adults at Children’s Hospital of Philadelphia
02/10/21	136	<i>What Factors Can Influence Adolescent Concussion Recovery?</i>	David R. Howell, PhD, ATC Lead Researcher, Sports Medicine Center, Children’s Hospital Colorado
03/10/21	144	<i>Multidisciplinary Concussion Evaluation and Management – A Neuropsychologist’s Perspective</i>	Beth Slomine, Ph.D., ABPP Co-Director, Center for Brain Injury Recovery, Director, Training & Neuropsychological Rehabilitation Services, Kennedy Krieger Institute, Baltimore, MD
04/14/21	88	<i>Using Injury Surveillance Data to Understand and Prevent Concussions</i>	Christy Collins, Ph.D., President Datalys Center for Sports injury Research, Indianapolis, IN
05/12/21	66	<i>Concussion Story Wall: An interactive video database showcasing more than 600 videos from those impacted by concussion</i>	Piya Sorcar, Ph.D., Founder & CEO, TeachAids Adjunct Affiliate, Stanford School of Medicine, Faculty Fellow, Stanford Center Dick Gould, Former Stanford men’s tennis head coach from the TeachAids Board of Directors



d. Conduct bi-monthly Concussion Action Team (CAT) meetings.

CAT teleconference meetings are held bi-monthly during the school year to provide school professionals an opportunity to discuss challenges, share information/documents, and share achievements related to concussion management. In addition, the CDE provides updates and facilitates discussion of current research articles and new materials produced within the brain injury field. The table below shows CAT teleconference dates, number of persons attending via GoToMeeting, and the number of districts represented.

Concussion Action Team Teleconference Meetings

CAT Meeting Date	Number of Persons Attending	Number of Districts/BOCES
08/27/20	25	17
10/22/20	17	14
12/17/20	23	19
02/25/21	19	15
04/22/21	22	16

Additionally, minutes from the CAT meetings are emailed to over 400 school district members on the CAT Listserv. The minutes contain concussion resources and links to research articles and resources discussed during the CAT conference call.

e. Assist districts with developing concussion guidelines.

- During FY21 assistance was provided to two districts developing concussions guidelines. Dr. Tyler consulted with a school nurse from Ridgway School District who was assisting her district in developing a concussion policy and she consulted with a BrainSTEPS CO team leader in the Thompson School District who was heading her district concussion protocol development team.

3. Activities related to maintaining a database for both CMT and BrainSTEPS CO Team data.

- To ensure the security of the BrainSTEPS CO database it is important that only current BrainSTEPS CO team members have access to the Online Reporting for BrainSTEPS (ORBS). Thus, at the beginning of the school year an email was sent to each of the BrainSTEPS CO team leaders providing them with a current list of their team members who had access to their district’s ORBS database information, stating they were required to notify Dr. Tyler if any of the members listed were no longer on the team. After team leaders responded, Dr. Tyler ensured that members who had left the district or team, no longer had access to the BrainSTEPS CO database.
- Responded to requests from Return to Learn CMTs to add and delete individuals from their teams and to help CMTs problem solve user errors.
- Created a new Weld-6 team in the ORBS database and added the names and contact information for 36 team members trained at the November 2020 new team training to the ORBS database.
- Worked with Sam Cartos of Frameweld to update the BrainSTEPS CO team leader contact list on the CMT website.



- Worked with Tim Kelly from Leader Services to correct minor issues team members were experiencing with the database.
- Secured FY22 contracts for hosting/maintenance and licensing of the BrainSTEPS CO ORBS database and the Return to Learn Concussion Management training websites.

4. Activities and deliverables related to community-based training and outreach.

a. Responded to education requests from school personnel, families, and community providers (including partnering with the BIAC) by either providing education or partnering with an appropriate organization to provide requested education.

- Attended quarterly Youth Operations meeting (CDE, BIAC, MINDSOURCE Brain Injury Network) to discuss needs of the field and report on the CDE activities.
- Participated in the virtual Pediatric Brain Injury Professional Network Meetings (12/3/20, 4/21/21).
- Presented *Supporting Students with Concussion during Remote Online Learning* to Academy 20 School District BrainSTEPS CO team members (11/18/20).
- Presented *Return-to-Learn: Identifying Challenges & Implementing Strategies with BrainSTEPS*, Brain Injury Association of America's Robert Sbordone Concussion/mTBI Webinar (1/21/21).
- Presented "Return to Learn Following Concussion: The Role of the School Nurse" at the School Nurse Orientation Webinar (3/2/21).

b. Develop and maintain a relationship with appropriate hospitals and providers in the state (e.g., Children's Hospital of CO and Rocky Mountain Hospital for Children.)

- Kept Jodi Krause from Children's Hospital, Laura Magnuson from Craig Hospital, and Kate Fatica from BIAC updated with the latest BrainSTEPS CO Team Leader lists.
- Contacted Liz Gerdeman, MINDSOURCE Brain Injury Network, Jodi Krause, Laura Magnuson, and Kate Fatica to ask if they could provide video overviews of their programs at the BrainSTEPS CO New Team Leader/Team Member Training in November.
- Had several meetings with Barb Gabella, MSPH, Senior Epidemiologist, and Sarah Barkley, MPH, Injury Epidemiology Fellow, Colorado Department of Public Health and Environment (CDPHE), Liz Gerdeman, MINDSOURCE Brain Injury Network, and Heather Hotchkiss, CDE, to discuss gathering of statewide brain injury data and development of a CDE TBI fact sheet.
- Met with Megan O'Neill, Practice Manager, Department of Rehabilitation, CHCO to discuss the possibility of them sharing de-identified group EPIC/CHA data (numbers of children hospitalized

at CHCO with TBI) so our BrainSTEPS CO teams would have a statewide picture of the number of children hospitalized with TBI. (12/2/20)

- Met with Jodi Krause (CHCO), Jessica Hall (CHCO), Kate Fatica (BIAC), and Heather Hotchkiss (CDE) on a regular basis to ensure referrals were going to BrainSTEPS CO team members and BIAC as anticipated, and to problem solve any issues with school re-entry.
- Met with Megan Matney from Children’s Hospital Colorado to discuss the hospital sharing their EPIC with CDE Brain Injury Consultants for the purpose of presenting a statewide picture of injuries to the BrainSTEPS CO teams.

c. Maintain/enhance, develop content, and facilitate webpage design for the website:
www.cokidswithbraininjury.com.



The Colorado Kids Brain Injury Resource Network (COKids) webpage (<https://cokidswithbraininjury.com>) serves as a resource for educators, school administrators, school psychologists, related services professionals, and families.

Maintenance and updates (e.g., to fix broken links) on the website, were provided during FY21 by Dr. Tyler. Additional edits, and revisions to prevent spam, were also made during FY21 by the webmasters at Harmony Designs.

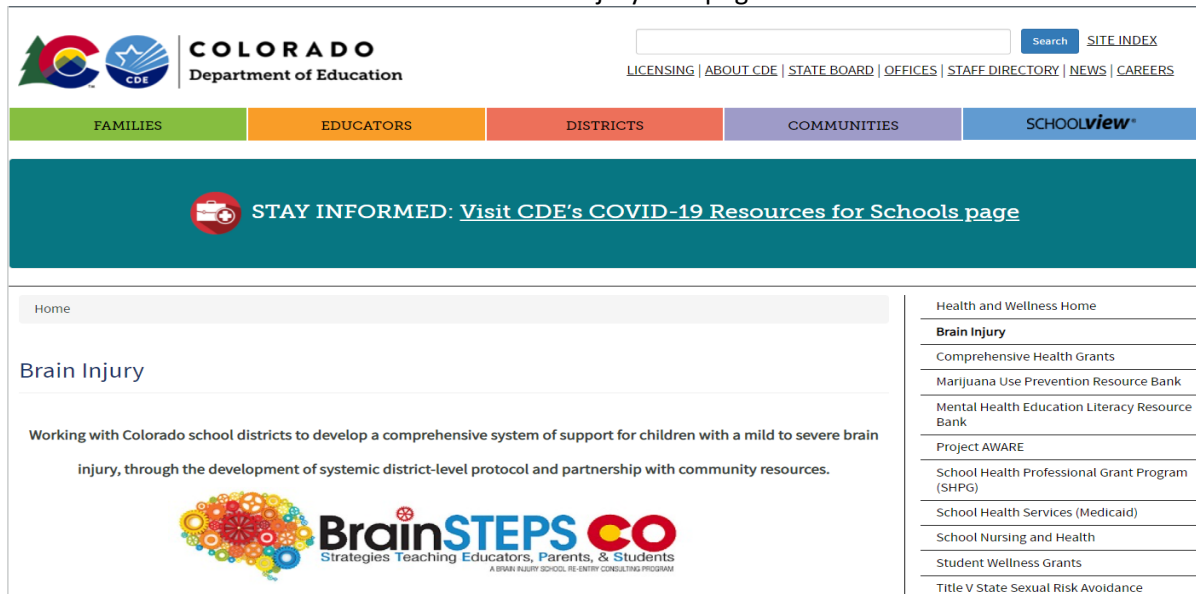
Dr. Tyler also worked with the webmasters at Harmony Design to secure a 5 year renewal on the COKids domain which was expiring in 2020. Upon Harmony Design’s recommendation, the domain hosting for COKids was moved from GoDaddy to hover.com for better pricing and customer service.

The following table lists the monthly COKids webpage analytics reports.

Colorado Kids with Brain Injury Webpage Analytics

Period	New Visits	Unique Visitors	Page Views
July 1-July 31, 2020	238	247	584
Aug 1-Aug 31, 2020	298	313	664
Sept 1-Sept 30, 2020	368	384	948
October 1-31, 2020	438	467	1,246
November 1-30, 2020	390	409	1,063
December 1-31, 2020	367	396	1,260
January 1-31, 2021	453	486	1,246
February 1-28, 2021	484	531	1,374
March 1-31, 2021	558	608	1,509
April 1-April 20, 2021	395	449	1235
May 1-May 30, 2021	351	391	1,026
June 1 – June 30, 2021	289	309	721

CDE Brain Injury Webpage



The screenshot shows the CDE Brain Injury Webpage interface. At the top, there is a search bar and a navigation menu with links for LICENSING, ABOUT CDE, STATE BOARD, OFFICES, STAFF DIRECTORY, NEWS, and CAREERS. Below the navigation is a horizontal menu with categories: FAMILIES, EDUCATORS, DISTRICTS, COMMUNITIES, and SCHOOLview*. A prominent banner reads "STAY INFORMED: Visit CDE's COVID-19 Resources for Schools page". The main content area features a "Brain Injury" section with a description: "Working with Colorado school districts to develop a comprehensive system of support for children with a mild to severe brain injury, through the development of systemic district-level protocol and partnership with community resources." Below this is the BrainSTEPS CO logo, which stands for "Strategies Teaching Educators, Parents, & Students" and is a "Brain Injury School Re-Entry Consulting Program". On the right side, there is a sidebar menu listing various resources such as "Health and Wellness Home", "Brain Injury", "Comprehensive Health Grants", "Marijuana Use Prevention Resource Bank", "Mental Health Education Literacy Resource Bank", "Project AWARE", "School Health Professional Grant Program (SHPG)", "School Health Services (Medicaid)", "School Nursing and Health", "Student Wellness Grants", and "Title V State Sexual Risk Avoidance".

The Senior Brain Injury Consultant at the Colorado Department of Education is responsible for maintaining the Health and Wellness brain Injury webpage which contains brain injury information for Colorado educators. Webpage analytic reports for the CDE Health and Wellness brain injury webpage (<http://www.cde.state.co.us/healthandwellness/braininjury>) provide the statistics as seen in the following table.



CDE Brain Injury Webpage Analytics

Period	Page Views	Unique Page Views
July 1-July 31, 2020	79	58
Aug 1-Aug 31, 2020	76	63
Sept 1-Sept 30, 2020	274	219
October 1-31, 2020	203	162
November 1-30, 2020	200	166
December 1-31, 2020	165	135
January 1-31, 2021	196	163
February 1-April 30, 2021*	404	282
May 1-May 30, 2021	145	123
June 1 – June 30, 2021	99	82

*Individual monthly reports were not available during this period, data only available grouped in a 3 month period.

- d. Maintain and facilitate listserv e-mails on both the brain injury and concussion listserv to raise awareness on upcoming events, trainings, resources, etc.

Two listservs are maintained and utilized to raise awareness of upcoming events, trainings, resources, etc. The TBI Listserv was recently updated and now has approximately 1,500 members and the CAT Listserv has approximately 400 members.

Examples of information sent out via listservs included announcements about:

- The BrainSTEPS CO November 2020 New Team and Team Member Training
- CAT Meetings and Minutes
- BIAC Staff is Back from Furlough – description of services offered by BIAC
- Pediatric Brain Injury Profession Network (P-BIPN) survey
- National Concussion Awareness Day – Resources from the CDC
- The National Center on Advancing Person-Centered Practices and Systems (NCAPPS)
- “Student-Directed Individualized Education Plan (IEP): Bringing Person-Centered Practices to Schools and Beyond”
- Colorado Department of Education’s Educator Professional Development Requirements document
- COVID-related Guidance from OCR
- CBIRT (The Center on Brain Injury Research and Training) is hosting a conference titled: Childhood Brain Injury: Moving Research into Practice on November 13-14, 2020.
- Upcoming Pediatric Brain Injury Professional Network (P-BIPN) meetings.
- Courage to Risk Conference
- CDE/Colorado Council for Children with Behavior Disorders’ Affective Needs Conference
- Virtual office Hours – Learn about the “Easy Button” for strategies addressing the needs of student who learn differently.
- Youth Services & Opportunities with BIAC
- Free virtual 2021 Texas Brain Conference and Webinar Series
- BIAC Virtual Youth Music Therapy classes (children ages 6-12)



- CDE's 8-week course on social emotional learning for educators
- Announcement for BIAC's opening for Program Manager for Education Consultation and Youth Services
- Announcement for CDE's Senior Brain Injury Consultant position

BARRIERS/CHALLENGES FACED (IN TERMS OF MEETING SCOPE OF WORK) FOR FY2021

Ongoing presence of the COVID-19 pandemic in FY21 not only continued to disrupt in-person learning for students, but disrupted plans for in-person BrainSTEPS CO trainings, visits to teams, and in-person presentations or displays at conferences. While fortunately most of the work was able to be carried out virtually, it is believed that willingness of school staff to take on an additional role such as a BrainSTEPS CO team member or Concussion Management Team Member suffered because of the pandemic. For example, school nurses, one of our most valued assets on both BrainSTEPS CO teams and Concussion Management Teams, simply did not have the time to attend trainings to become new consulting or concussion team members because they were so busy with COVID-19 related activities in their schools.

PLANS FOR FY2022

FY22 plans are to continue to provide training and support for BrainSTEPS CO team members and the Return to Learn CMTs so they can best meet the needs of Colorado students with brain injury. Additional BrainSTEPS CO teams, BrainSTEPS CO team members, and the Return to Learn CMTs will be trained to ensure coverage for Colorado school buildings and districts. The introduction of a modest stipend for team leaders in FY22 will provide recognition of the time and effort that BrainSTEPS CO team leaders spend to ensure the success of their teams.



Appendix A

BrainSTEPS CO New Team/Team Member Training Agenda



New Team/Team Member Training

November 10-12, 2020

Virtual

Tuesday – Nov. 10th ([Day 1 Link](#))

Time	Topic/Activity	Presenter
8:15am	Log in and Say Hello!	
8:15-8:45am	Welcome to BrainSTEPS CO! Introductions, and Instructions	Janet Tyler, PhD, CBIST Heather Hotchkiss, MSW Nicole Crawford, Ph.D Janet Zimmermann
8:45-9:30am	What is a BrainSTEPS CO Team?	Tyler
9:30-9:45am	Break	
9:45-11:45am	What is Brain Injury and Why is it Different?	Tyler
11:45am-12:15pm	Exploring Community Resources – - MINDSOURCE Brain Injury Network - Liz Gerdeman - Brain Injury Alliance of Colorado - Kate Fatica, RN	
12:15-12:30pm	Wrap up	Tyler Hotchkiss

Wednesday – Nov. 11th ([Day 2 Link](#))

8:15a	Log in	
8:15-8:30am	Welcome back Questions or Follow up from Yesterday	Hotchkiss Tyler
8:30-10am	Building Blocks of Brain Development – The Colorado Neuroeducational Model	Hotchkiss Crawford
10-10:20am	Break	
10:20-11:45am	Building Blocks of Brain Development – The Colorado Neuroeducational Model Continued	Hotchkiss Crawford
11:45am-12:15pm	Exploring Community Resources – - Craig Hospital – Laura Magnuson, MEd - Children’s Hospital – Jodi Krause	
12:15-12:30pm	Wrap up	

Thursday – Nov. 12th (Day 3 Link)

Time	Topic/Activity	Presenter
8:15-8:30am	Welcome Back Questions or Follow-up from Yesterday	Hotchkiss Crawford
8:30-9:30am	What are Concussion Management Teams (CMT) and How CMT's differ from BrainSTEPS Teams	Tyler
9:30-9:45am	Break	
9:45-10:45am	Overview on Special Education Eligibility for Brain Injury	Hotchkiss
10:45-10:55am	What is ABI Activity	Hotchkiss
11-11:30am	School Re-Entry	Tyler
11:30-11:45am	Break	
11:45am-12:15pm	Team Planning Considerations	Crawford Hotchkiss Tyler
12:15-12:30pm	Closing Remarks Post-test Instructions & Evaluation/Certificate	Tyler Hotchkiss



Appendix B

BrainSTEPS CO Team Update Training Agenda



BrainSTEPS CO Team Update Training

Virtual

Join Zoom Meeting - <https://zoom.us/j/93014352011>

Meeting ID: 930 1435 2011

Thursday, February 11, 2021

Time	Topic/Activity	Presenter
9:00	Check in	
9:00-9:15	Welcome	Janet Tyler, PhD, CBIST Heather Hotchkiss, MSW Nicole Crawford, Ph.D.
9:15am-12:15pm	<i>Students with ABI: Filling Your Toolbox with Interventions and Strategies for Success</i>	Sharon Grandinette, M.S., Ed., CBIST
12:15-12:45pm	Lunch	
12:45pm-3:30pm	<i>Using Teen Online Problem Solving to Support Adolescents and Families after Brain Injury</i>	Shari Wade, PhD.
3:30-4:00p	Evaluation, Wrap Up & Adjourn	Hotchkiss/Tyler/Crawford

Guest Speakers:

Sharon Grandinette, M.S., Ed., CBIST is a Certified Brain Injury Specialist/Trainer and a nationally/internationally recognized consultant who focuses her work on school reintegration for children with acquired brain injury, is contracted with school districts to provide ABI consultation services, provides advocacy to families, and expert witness services to attorneys in pediatric ABI legal cases. Sharon worked in public schools as a special educator and administrator for over 20 years, developed and administrated 2 private special education schools for children with acquired brain injury, and spent 3 years as director of a children’s post-acute brain injury rehabilitation program that included a school program. Sharon taught as adjunct instructor in the graduate special education department for California State University Dominguez Hills for 18 years. She was instrumental in developing the TBI authorization for the California Department of Education and has written articles and a book chapter on the topic of children’s brain injury. Sharon currently serves on the board of the North American Brain Injury Society (NABIS), the National Children’s Collaborative on Brain Injury (NCCBI), and has previously served on the boards of BIA California, and BIAA’s Academy of Certified Brain Injury Specialists. She is a member of the

International Pediatric Brain Injury Society and is on the planning committee for their 2022 conference. In 2018, Sharon was awarded the 2018 Clinical Innovator Award by the North American Brain Injury Society.

Shari L. Wade, Ph.D., is a pediatric rehabilitation psychologist at Cincinnati Children's Hospital Medical Center and a tenured professor at the University of Cincinnati College of Medicine. Dr. Wade has conducted federally-funded research examining outcomes of pediatric traumatic brain injury and factors that influence outcomes since 1991. This research has been widely cited and shaped how the field understands the role of social environmental factors on recovery and the effects of TBI on child and family functioning over time. For the past 21 years, she has conducted single site and multicenter randomized clinical trials of interventions to reduce morbidity following pediatric traumatic brain injury, including some of the first Class 1 clinical trials for pediatric TBI. She has developed and tested technology-based interventions to reduce behavioral morbidity and family consequences of pediatric TBI for nearly two decades, beginning with an R21 award from NICHD in 2001. Dr. Wade is also leader in multi-center clinical trials for pediatric TBI and served as the principal investigator (PI) and director of the Rehabilitation Research and Training Center (RRTC) for Pediatric Brain Injury Interventions, the only federally-funded center for pediatric TBI.

Provided by:





Appendix C
BrainSTEPS CO Team Leader Meeting



BrainSTEPS CO Team Leader Training

Virtual – Join here: <https://zoom.us/j/94306020268>

Thursday, April 29, 2021

8am-12pm

Time	Topic/Activity	Presenters
8:00-8:30am	Welcome - Networking Activity Team Leader Update	Heather Hotchkiss, MSW & Janet Tyler, PhD, CBIST
8:30-9:30am	BrainSTEPS Team Share - Part 1 Share a product, process, or procedure that has led to positive outcomes for your BrainSTEPS Team	Team Leaders (3-5 minutes each)
9:30-9:45am	ORBS Reports Writing Annual Goals	Hotchkiss
9:45-9:55am	Break	
9:55- 10:20am	Team Member Survey Results	Tyler
10:20- 11:20am	Case Studies	Nicole Crawford, Ph.D., Hotchkiss, & Tyler
11:20- 11:50am	BrainSTEPS Team Share - Part 2	Team Leaders (3-5 minutes each)
11:50am- 12:00pm	Questions/Wrap up/Evaluation	Hotchkiss & Tyler